



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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August 2, 2002

Dugout Canyon Mine  
Rick Olsen, General Manager  
Canyon Fuel Company, LLC  
P.O. Box 1029  
Wellington, Utah 84542

Re: Determination of Administrative Completeness for, Refuse Pile Amendment, Canyon Fuel Company, LLC, Dugout Mine, C/007039 – SR02D, Outgoing File

Dear Rick Olsen:

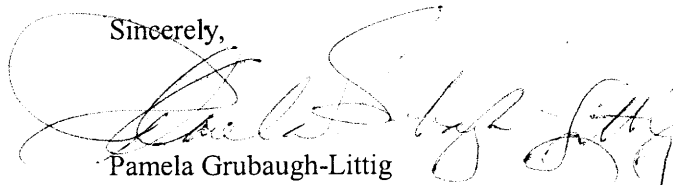
The Division has completed a review of the information you submitted on April 22, 2002. This application is considered to be administratively complete. Although considered administratively complete, numerous items have been outlined that require additional information for the technical review to commence. A copy of our review worksheet is enclosed for your information and records.

In order for us to continue to process your application, please respond to these deficiencies by August 30, 2002. Technical deficiencies will be forwarded to you as reviews are completed. The Division will also coordinate with other agencies and incorporate their comments into our review process. Issues raised will need to be resolved prior to permit issuance.

At this time you should publish a Notice of Complete Application for adding the Refuse Pile amendment to the Dugout Mine as required by R645-300-121. A copy of the publication should be sent to the Division as soon as it is available. You should also insure that a copy of the application is on file at the appropriate County Courthouse. The Division will complete a technical analysis, which must find that your application is technically complete. We anticipate that additional information may be necessary to make your application technically complete and we look forward to working with you throughout the permitting process. Please call if you have any questions.

Thank you for your help in the permitting process.

Sincerely,



Pamela Grubaugh-Littig  
Permit Supervisor

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Enclosure

cc: Price Field Office

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**ADMINISTRATIVE COMPLETENESS REVIEW WORKSHEET  
(R645-100)**

**DATE:** July 22, 2002

**REVIEWER(S):** Gregg A. Galecki, Stephen J. Demczak, Susan M. White, Priscilla W. Burton

**APPLICANT:** Canyon Fuel Company, LLC.

**MINE NAME:** Dugout Mine **FILE NO.:** C/007/039 - SR02D

**"Administratively Complete Application"** means an application for permit approval or approval for coal exploration, where required, which the Division determines to contain information addressing each application requirement of the State Program and to contain all information necessary to initiate processing and public review.

**Directions:** The categories listed below correspond to the minimum requirements for information necessary to initiate processing and public review. If a category is checked the Applicant has met the Completeness requirement for that category. If a category is not checked, the Completeness requirements have not been met. The comments column will identify the deficiency and what is necessary to correct it.

Comments		
301-112	Identification of Interests <u>X</u>	See MRP
100	Applicant's Business Structure <u>X</u>	See MRP
210	Applicant's Name/Address/Phone <u>X</u>	Information in submittal
220	Resident Agent's Name/Address/Phone <u>X</u>	Information in submittal
230	Name/Address/Phone of AML Fees Payer <u>X</u>	Information in submittal
300	Corporate Structure & Ownership <u>X</u>	In MRP
400	Identify Other Mining Operations in US <u>X</u>	In MRP
500	Surface & Mineral Ownership <u>X</u>	Information in submittal
600	Ownership Contiguous to Permit <u>X</u>	Information in submittal
700	MSHA Numbers <u>X</u>	Information in submittal
800	Interest in Contiguous Lands <u>X</u>	Information in submittal

301-113	Violation Information	<u>X</u>	In MRP
100	Suspension or Revocation Information	<u>X</u>	IN MRP
300	List of Violations - <b>3 Previous Years</b>	<u>X</u>	In MRP

301-114	Right of Entry	<u>X</u>	Information in submittal
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301-115	Status of Unsuitability Claims	<u>X</u>	In MRP
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301-116	Permit Term	<u>X</u>	In MRP
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301-117	Insurance	<u>X</u>	In MRP
	Proof of Publication	<u>X</u>	In MRP
	Facilities and Structures Used in Common	<u>X</u>	In MRP

301-118	Filing Fee	<u>X</u>	In MRP
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301-123	Notarized Signature of Responsible Official	<u>X</u>	In MRP
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301-130	Information Collection: <b>Technical Data Accompanied by Names of Persons or Organizations that Collected and Analyzed the Data - Dates of Collections - and Analysis of the Data and Description of the Methodology Used to Collect and Analyze Data</b>	<u>X</u>	In MRP
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301-200	Soils	<u>X</u>	5,900 feet. Silty clay loam soils over gravel deposits on Mancos shale, supporting pinyon-juniper, sagebrush and grasses.
211	Description of Premining Soil Resources	<u>X</u>	Volume of previously salvaged soil (1998-9) not disclosed.
221	Prime Farmland Investigation	<u>X</u>	Referred to in Section 221, but not found in submittal. Prime farmland soil Haverdad loam, moist, 1 to 5 percent slopes in vicinity.
222	Soil Survey	<u>X</u>	Order I survey of gravel pit /refuse disposal area in Attachment RA 2-1 and Refuse Pile Slope Stability report, Attachment 5-2. Figure 1 of Attachment 5-2 not legible.
224	Substitute Topsoil Info (When Proposed)	<u>X</u>	The application indicates that no topsoil available from predisturbed site and subsoil will be salvaged for use as substitute topsoil. Technical review will focus on information in Attachment RA 2-1 to support separate handling of topsoil and subsoils and gravels and boulders during salvage. Information on substitute topsoil is contradictory in Section 233
230	Operation Plan <b>Topsoil Handling/Removal/Storage</b>	<u>X</u>	Contradictory soil removal plans in Section 231.100 and Section 242.100. 44,300 CY estimated for salvage (RA Table 2-2). Salvage depths indicated on Plate 2-1, technical review will focus on removal plans. Stockpile location noted on Plate 5-1, but operational cross sections do not show a stockpile and dimensions not noted in Section 234.200. Stockpile will be seeded and bermed.

240	Reclamation Plan <b>Soil Redistribution/Stabilization</b>	<u>X</u>	Contemporaneous reclamation of refuse described in Section 536 and 540. Four feet of cover over refuse. Six inches of topsoil over the remainder, 9.92 acres. Technical review to focus on achieving six inches of topsoil over entire site. Nutrient testing Section 243 requires modification as does sequence of seeding and mulching in Section 341.200. Stabilization information found in Sections 244 and 553.
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301-300	Biology	—	
320	Vegetation Information	<u>X</u>	No current T & E and sensitive species information. No analysis to show similarity of reference area to disturbed area. Sample adequacy not demonstrated.
322	Fish and Wildlife Information	<u>X</u>	No current T & E information.
323	Maps/Photos <b>Vegetation-Fish-Wildlife Areas</b>	<u>X</u>	The application provides vegetation map but unsure where the project is located in relation to the mine. Unclear what areas are currently disturbed by gravel pit.
330	Operation Plan <b>Vegetation-Fish-Wildlife Protection</b>	<u>X</u>	
341	Reclamation Plan for Revegetation	<u>X</u>	Will need to provide # seeds/SF.
342	Fish & Wildlife Plan for Reclamation Phase	<u>X</u>	

301-400	Land Use and Air Quality	<u>X</u>	
411	Pre-Mining Land Use Information <b>(Includes Cultural Resources)</b>	<u>X</u>	Cultural Inventory in Attachment 4-1.
412	Post-Mining Land Use Information	<u>X</u>	Postmining land use to be wildlife habitat and livestock grazing.

301-500	Engineering <u>X</u>	Information in submittal
510 520	General Description of Operation Plan (Maps, Locations, Cross-Sections, Narrative, Descriptions & Calculations) <u>X</u>	In addition to information in submittal, the Division requests a location map to be inserted into the MRP that includes both the Refuse Pile and the surface facilities at the mine. The map must show major topographic and hydrologic features.
522	Coal Recovery Description <u>X</u>	Information in submittal
523	Mining Methods <u>X</u>	Information in submittal
524	Blasting and Explosives Plan <u>X</u>	Information in submittal
525	Subsidence Control Plan <u>X</u>	Information in submittal
526	Mine Facilities Description (Narrative, Plans, Maps) <u>X</u> Including Existing Structures & Support Facilities	Information in submittal
527	Transportation Facilities (Including Plans & Maps) <u>X</u>	Information in submittal
528	Coal Mine Waste Plans (Description & Designs) <u>X</u>	Information in submittal. Attachment 5-3 plans for burial of 48,883 CY or 72,590 Tons of refuse.
529	Management of Mine Openings (Design) <u>X</u>	Information in submittal
531	General Plans for Structures <u>X</u>	Information in submittal
532	Sediment Control <u>X</u>	Information in submittal
533	Impoundments <u>X</u>	Information in submittal

301-534	Roads (Plans, Drawings, Designs, & Specifications) <u>X</u>	Information in submittal
535	Spoil <u>X</u>	Information in submittal

536	Coal Mine Waste	<u>X</u>	Information in submittal
537	Regraded Slopes	<u>X</u>	Information in submittal
540 541-542	Reclamation Narrative, Maps and Plans	<u>X</u>	In addition to information in submittal, the Division requests adding the original ground surface to the RA Plate 5-4.
551	Casing and Sealing <b>Underground Openings</b>	X	Information in submittal
553	Backfilling and Grading Description	<u>X</u>	Information in submittal

301-600	Geology	<u>X</u>	With the exception of bonding information, the amendment is a stand-alone document, with only minor references to the MRP.
621	Description of Geology <b>(Permit &amp; Adjacent Area)</b>	<u>X</u>	Site-specific information is provided in the current permit application.
622	Geologic Cross-Sections, Maps, and Plans	<u>X</u>	An areal geologic map of the refuse pile area is provided in Figure RA 6-1. Drill logs are provided for subsurface information.
630	Plans for Casing and Sealing Holes	<u>X</u>	Holes have been developed and will be used for water monitoring.

301-700	Hydrology	<u>X</u>	Site-specific information is provided.
721	Description of Hydrologic Resources <b>(Permit and Adjacent Area)</b>	<u>X</u>	Information is provided in current permit application.
722	Cross-Sections and Maps <b>Subsurface Water - Surface Water - Monitoring Stations - Wells</b>	<u>X</u>	Potentiometric Surface map provided. Additional information may be necessary to demonstrate no potentially acid/toxic materials could enter Dugout Creek.
723	Sampling and Analysis	<u>X</u>	Refer to MRP. With the exception of water levels, no additional monitoring proposed.

724	Baseline Information <b>Ground Water - Surface Water - Geology - Climatological &amp; Supplemental; If Needed</b>	<u>X</u>	Refer to MRP. Additional information is necessary for clarification. Will need to show where groundwater samples were collected relative to the current application.
728	PHC Determination	<u>X</u>	Information is provided in the current permit application and currently approved MRP.
730	General Operation Plan <b>Minimize Disturbance to Hydrologic Balance &amp; Compliance with Clean Water Act</b>	<u>X</u>	Information is provided in the current permit application.
731	Ground and Surface Water Protection	<u>X</u>	Information provided in the current permit application is too general. A monitoring program outlining analysis ( acid/base accounting, Se, B, pH, EC, etc.) and frequency needs to be outlined.
732	Ground and Surface Water Monitoring	<u>X</u>	Ground and Surface-water monitoring sites are outlined in the current permit application. The Division requests groundwater analysis sampling of DH-1 or a clear demonstration that potentially acid/toxic materials will not enter Dugout Creek.



301-740	<b>Plans and Designs</b> <b>Operation and Reclamation Plan</b> <b>Sediment Control Measures</b>	The current permit application includes site-specific plans for sediment control.  Current permit application includes a design for a single sedimentation pond.  No other treatment facilities are outlined.  Consist of ditches and culverts. Design caluculations are included.  No permanent roads are planned. Temporary diversion ditches will carry water to pond.  Emergency spillway on sedimentation pond.  No excess spoils will be generated.  Additional information requested; see R301-731, 732 of this form.  Outlined in currently approved MRP.  Outlined in current permit application.
	Siltation Structures	<u>X</u>
	Sediment Ponds	<u>X</u>
	Other Treatment Facilities	<u>X</u>
	Diversions	<u>X</u>
	Road Drainage	<u>X</u>
	Impoundments	<u>X</u>
	Discharge Structures	<u>X</u>
	Disposal of Excess Spoil	<u>X</u>
	Coal Mine Waste	<u>X</u>
	Disposal of Non-Coal Mine Waste	<u>X</u>
	Casing and Sealing of Wells	<u>X</u>

301-800	Bonding and Insurance	<u>X</u>	
820	Applicant <b>Have Adequate Bond at Permit Issuance</b>	<u>X</u>	NA, existing permit
830	Bond Estimate and Calculations Provided	<u>X</u>	In submittal
890	Certificate of Insurance Provided	<u>X</u>	NA, existing permit

302-200	Special Categories of Mining	—	NA
210	Experimental Practices Mining	—	NA
220	Mountaintop Removal Mining	—	NA

230	Steep Slope Mining	—	NA
240	Auger Mining	—	NA
250	In Situ Processing Activities	—	NA

302-260	Coal Processing Plants (Not Located Within Permit Area of Mine)	—	NA
270	Variances From Approximate Original Contour Restoration Requirements	—	NA
280	Variances for Delay in Contemporaneous Reclamation Requirement in Combined Surface and Underground Coal Mining Activities	—	NA
290	Small Operator Assistance Program (SOAP)	—	NA

302-300	Special Areas of Mining	—	NA
301	Prime Farmland	—	NA
302	Alluvial Valley Floors	—	NA

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230	Steep Slope Mining	—	NA
240	Auger Mining	—	NA
250	In Situ Processing Activities	—	NA

302-260	Coal Processing Plants (Not Located Within Permit Area of Mine)	—	NA
270	Variances From Approximate Original Contour Restoration Requirements	—	NA
280	Variances for Delay in Contemporaneous Reclamation Requirement in Combined Surface and Underground Coal Mining Activities	—	NA
290	Small Operator Assistance Program (SOAP)	—	NA

302-300	Special Areas of Mining	—	NA
301	Prime Farmland	—	NA
302	Alluvial Valley Floors	—	NA